



Docket No.: 43888-067

De-Annat
#201
11-15-02 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Keiko YUGAWA, et al.

Serial No.: 09/406,832

Filed: September 28, 1999

For: GLUCOSE SENSOR

Group Art Unit: 1743

Examiner: A. Noguera

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PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, DC 20231

Sir:

Prior to examining the above-referenced application, please amend the claims as follows:

IN THE CLAIMS:

20 20. (Amended) The glucose sensor in accordance with claim 5, wherein said reaction layer further contains maleic acid, a maleate, succinic acid, a succinate, triethanol amine, a triethanol amine salt, citric acid, a citrate, dimethyl glutaric acid, 2-(N-morpholino) ethane sulfonic acid, a 2-(N-morpholino) ethane sulfonate, tris (hydroxymethyl) glycine, a tris (hydroxymethyl) glycine salt, tris (hydroxymethyl) aminomethane, a tris (hydroxymethyl) aminomethane salt, imidazole or collidine.

21 21. (Twice Amended) A method for stabilizing glucose dehydrogenase for use in glucose sensors, wherein at least one additive is added to glucose dehydrogenase whose coenzyme is pyrrolo-quinoline quinone, said additive being selected from the group consisting of phthalic acid, a phthalate, maleic acid, a maleate, triethanol amine, a triethanol amine salt, dimethyl glutaric acid, 2-(N-morpholino)ethane sulfonic acid, a 2-